

FIG. 2

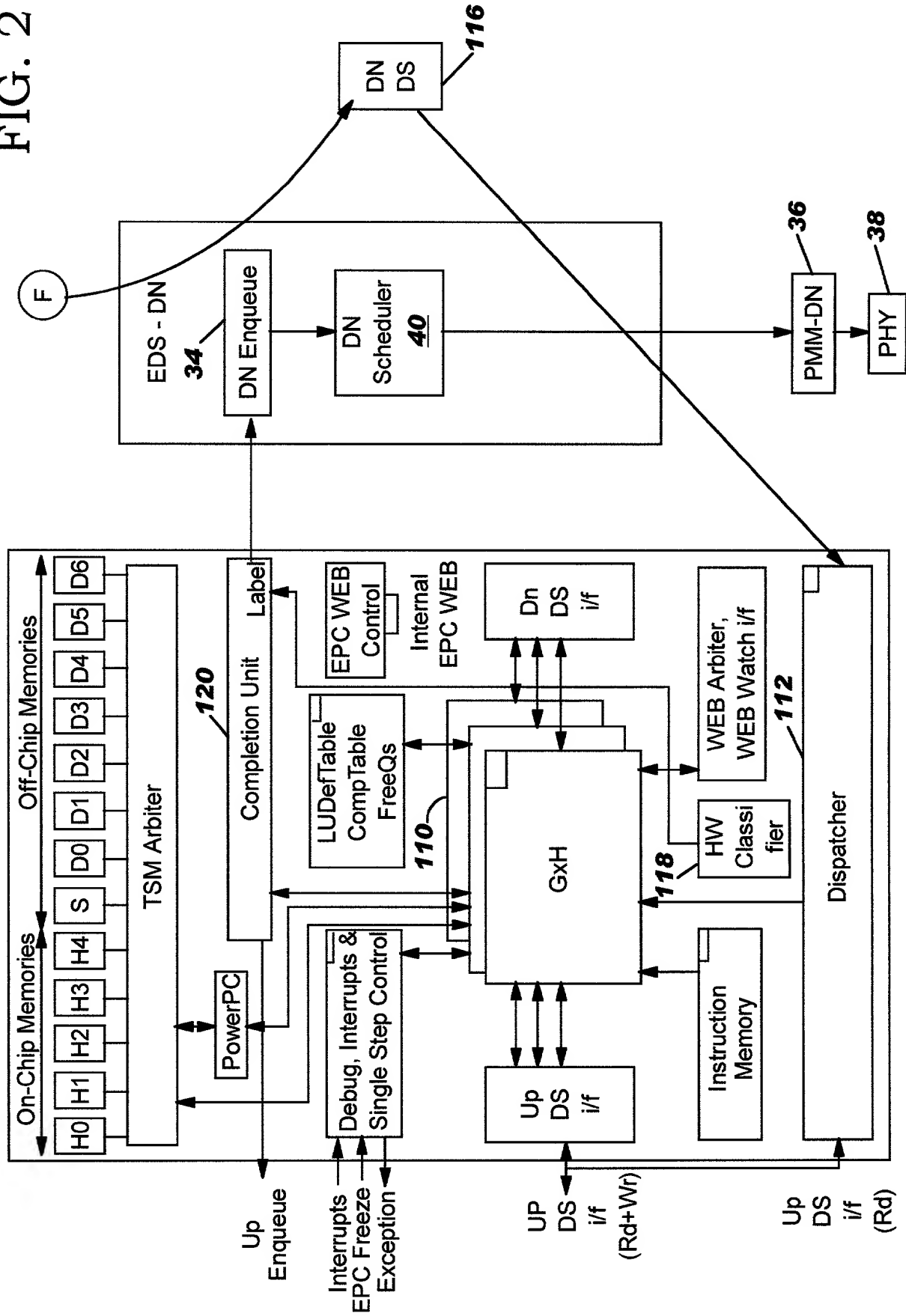


FIG. 3

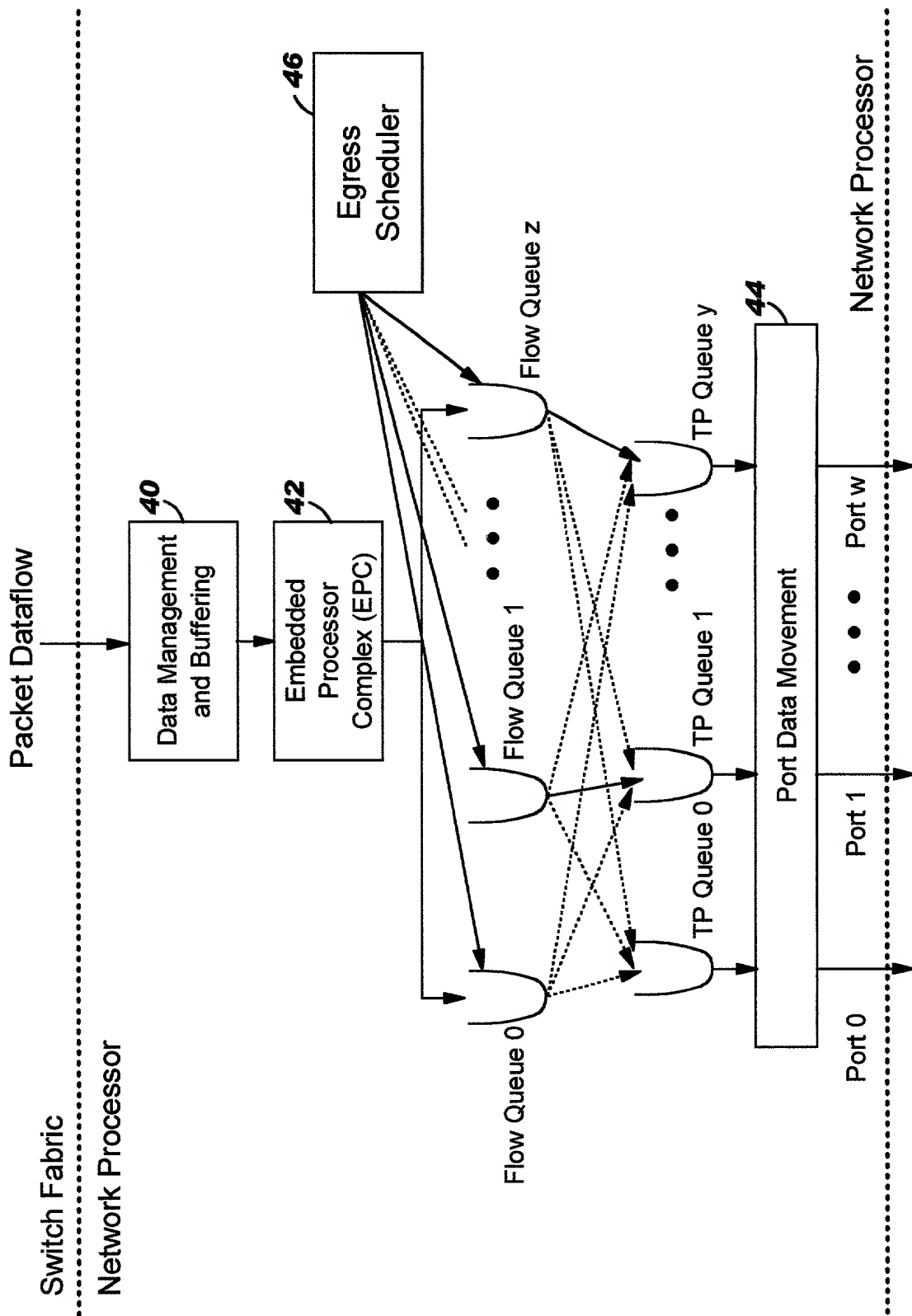


FIG. 4

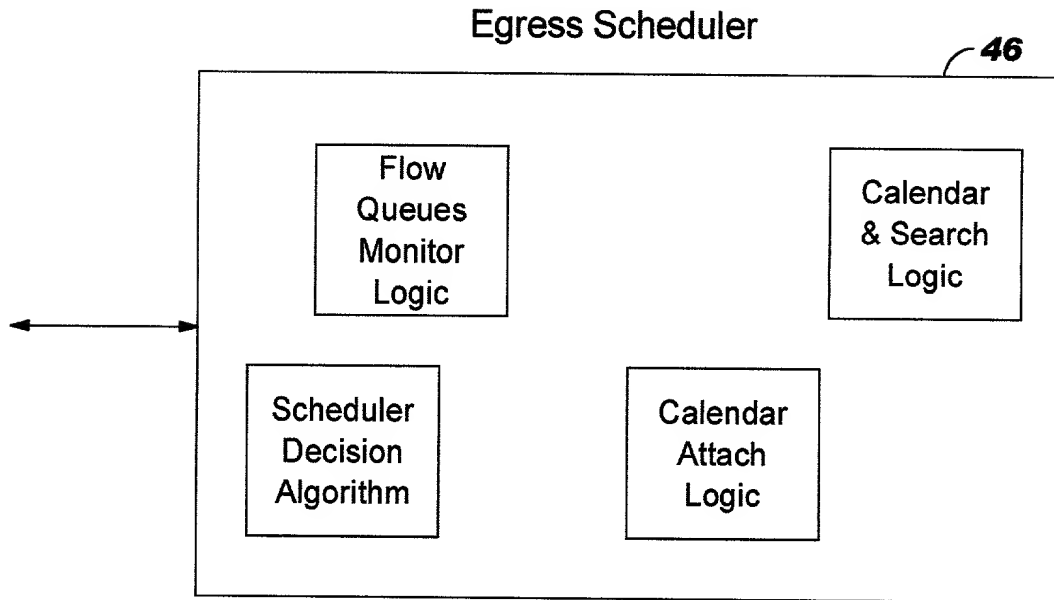


FIG. 5

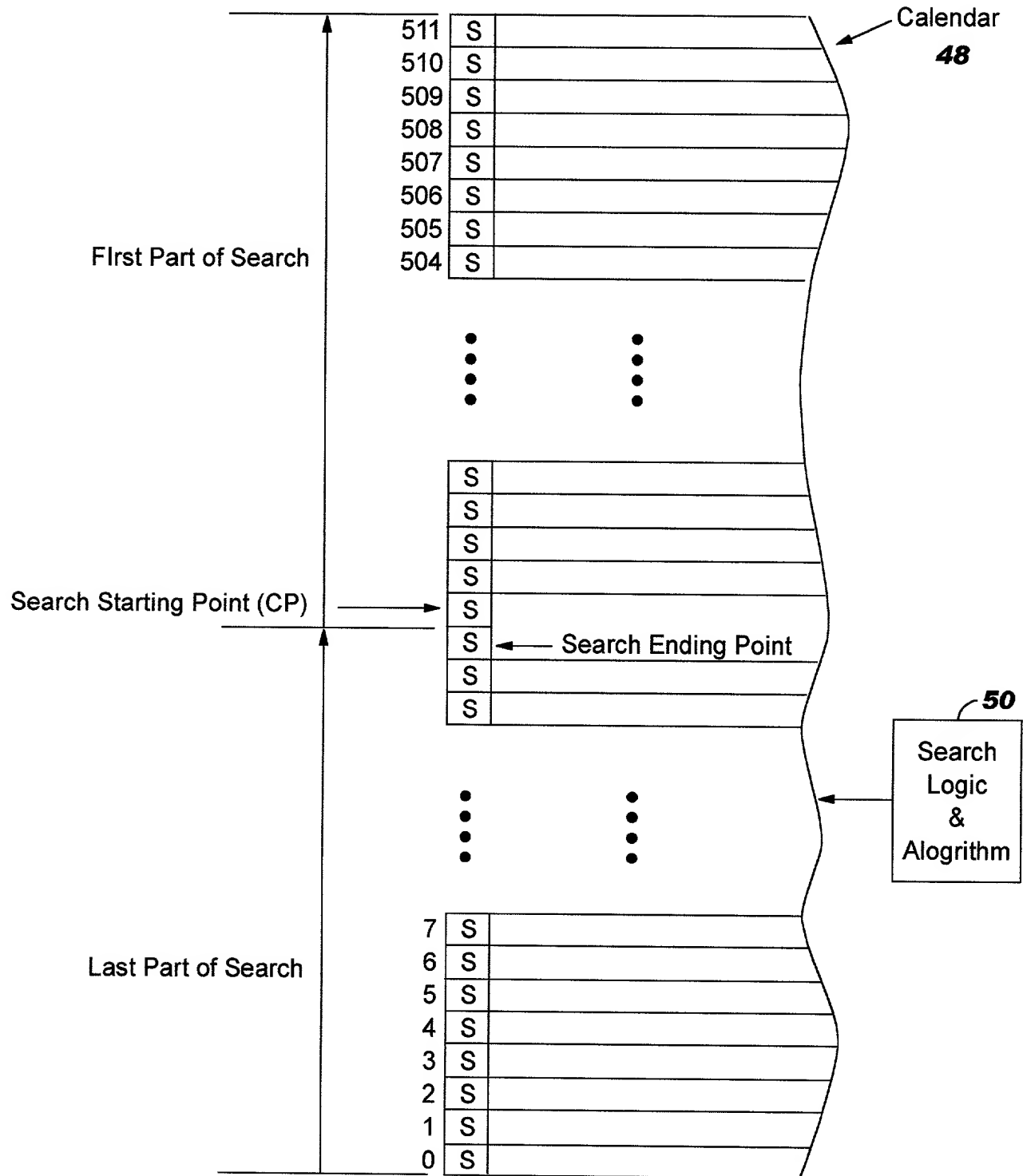
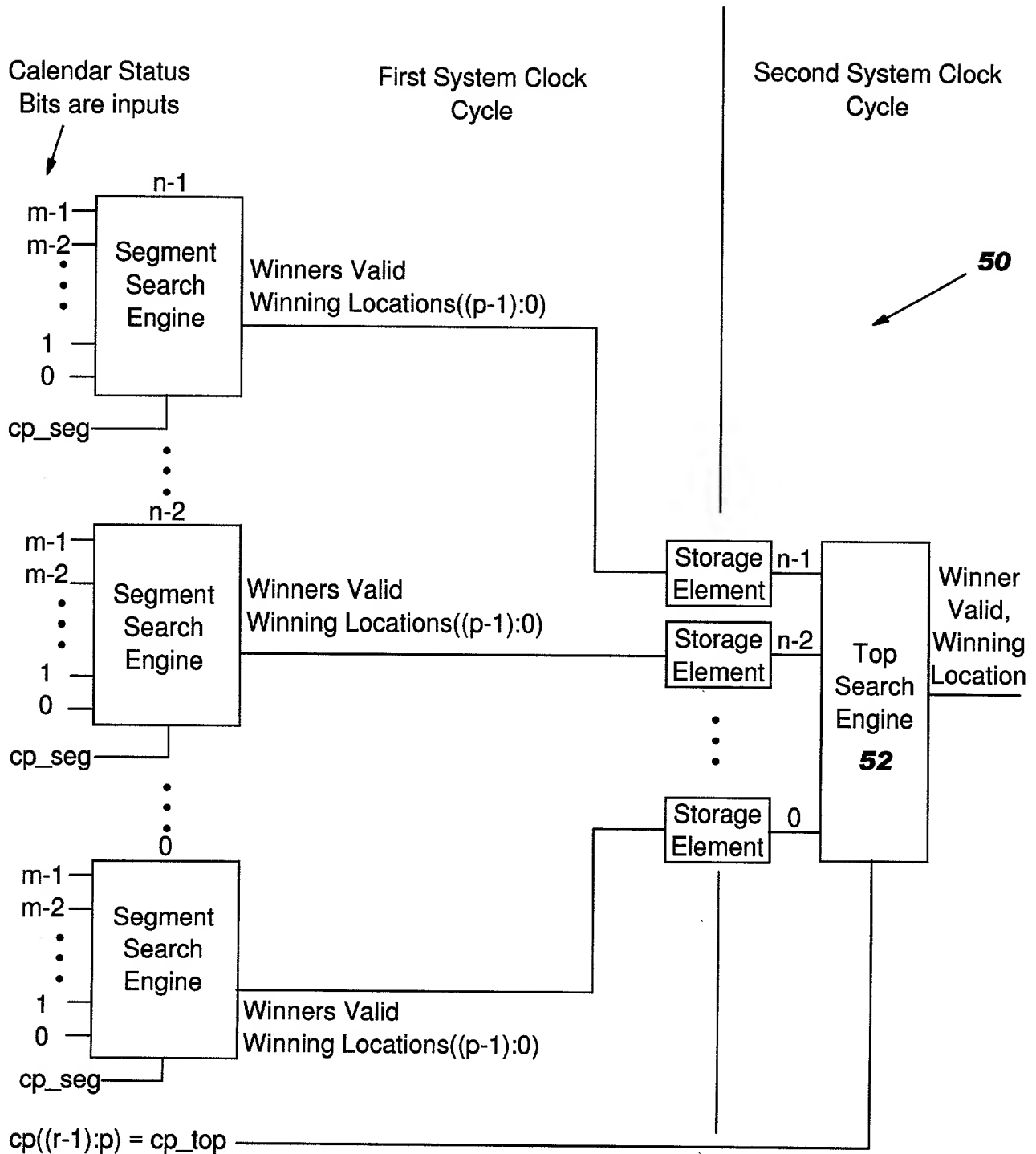


FIG. 6



cp = search starting point  
n = number of equal segments  
 $r = \log_2(\text{num\_entries})$   
m = total number of entries/number of equal segments  
 $p = \log_2(\text{total number of entries}/n)$

FIG. 7

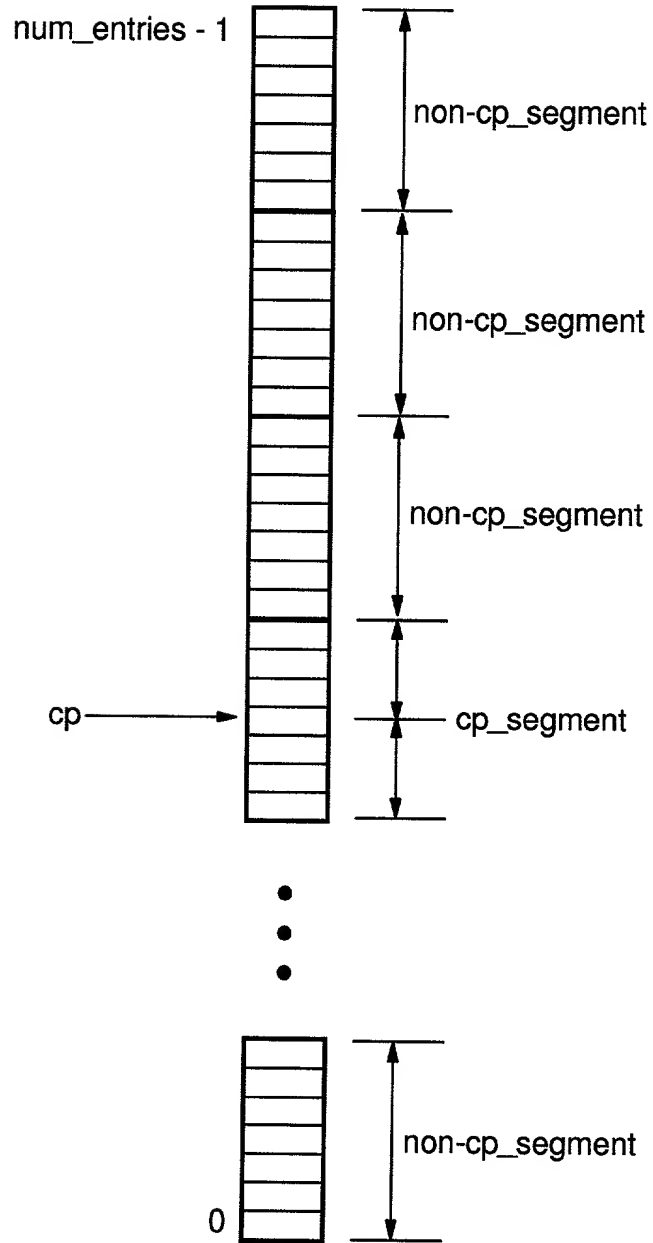


FIG. 7

FIG. 8A

Diagram for Segment Search  
Assuming That cp is In This Segment

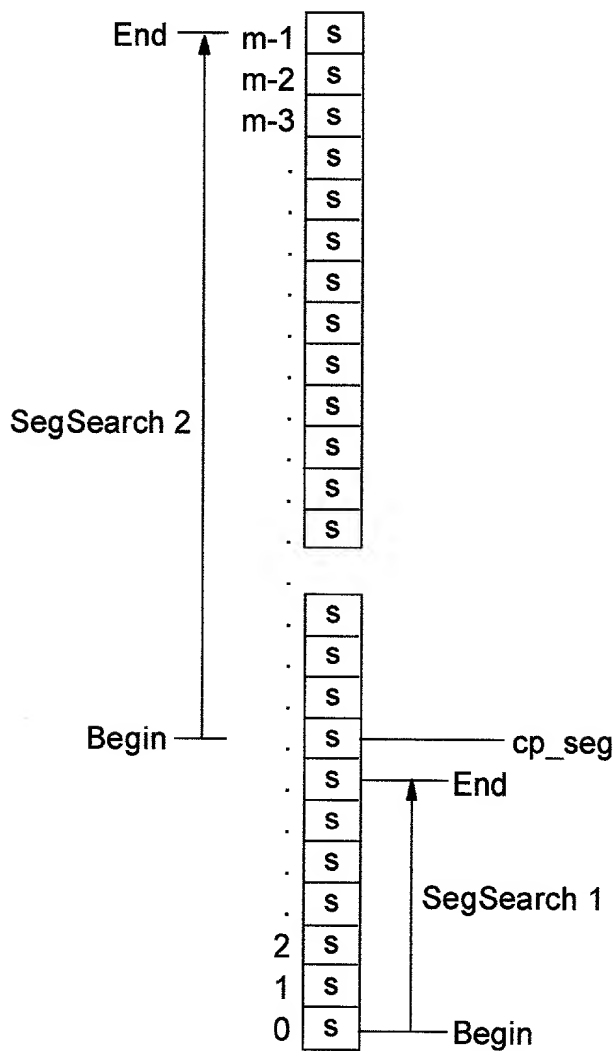
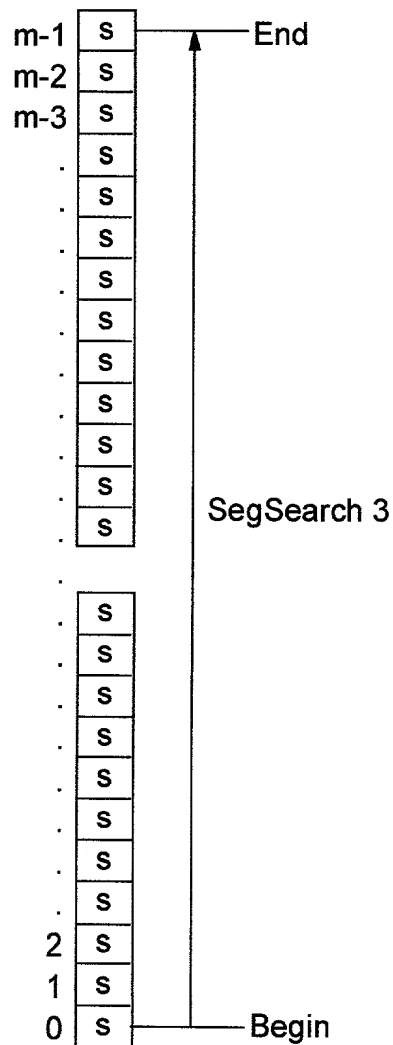


FIG. 8B

Diagram for Segment Search Assuming  
That cp is Not In This Segment





## FIG. 9

Segment Search Diagram Assuming  
cp is In This Segment

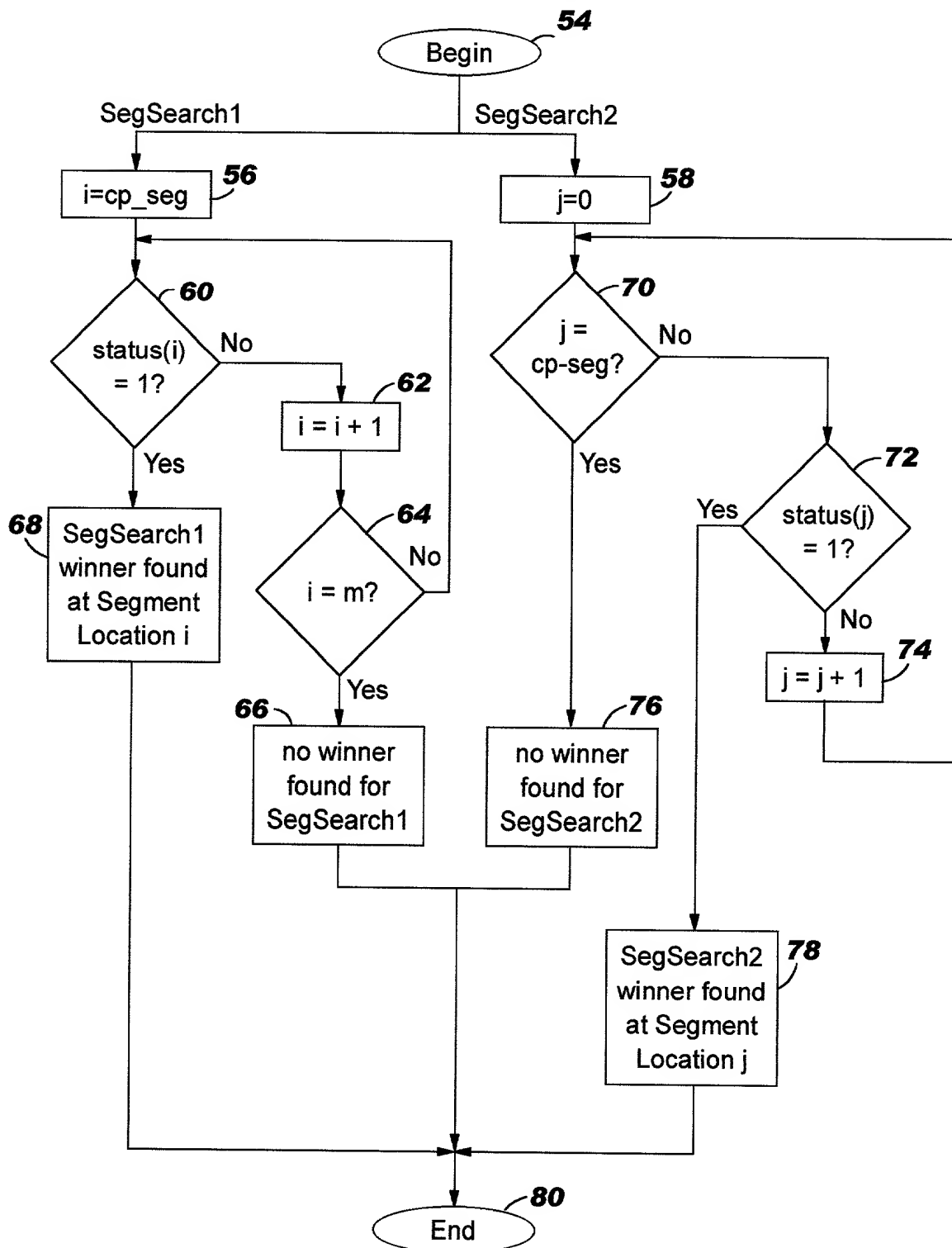


FIG. 10

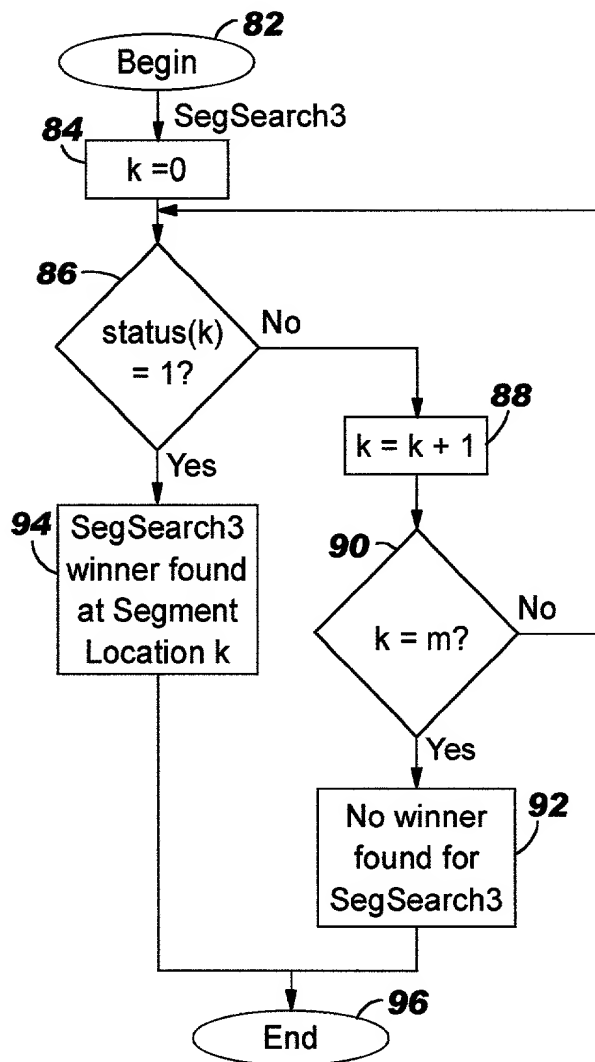


FIG. 11

Segment Search Outputs

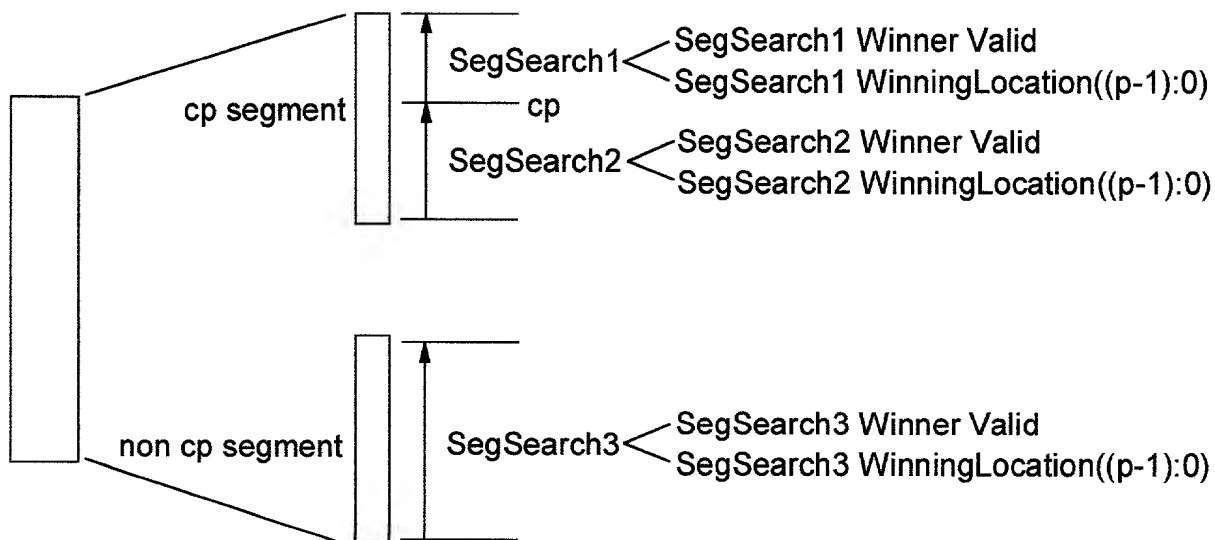


FIG. 12

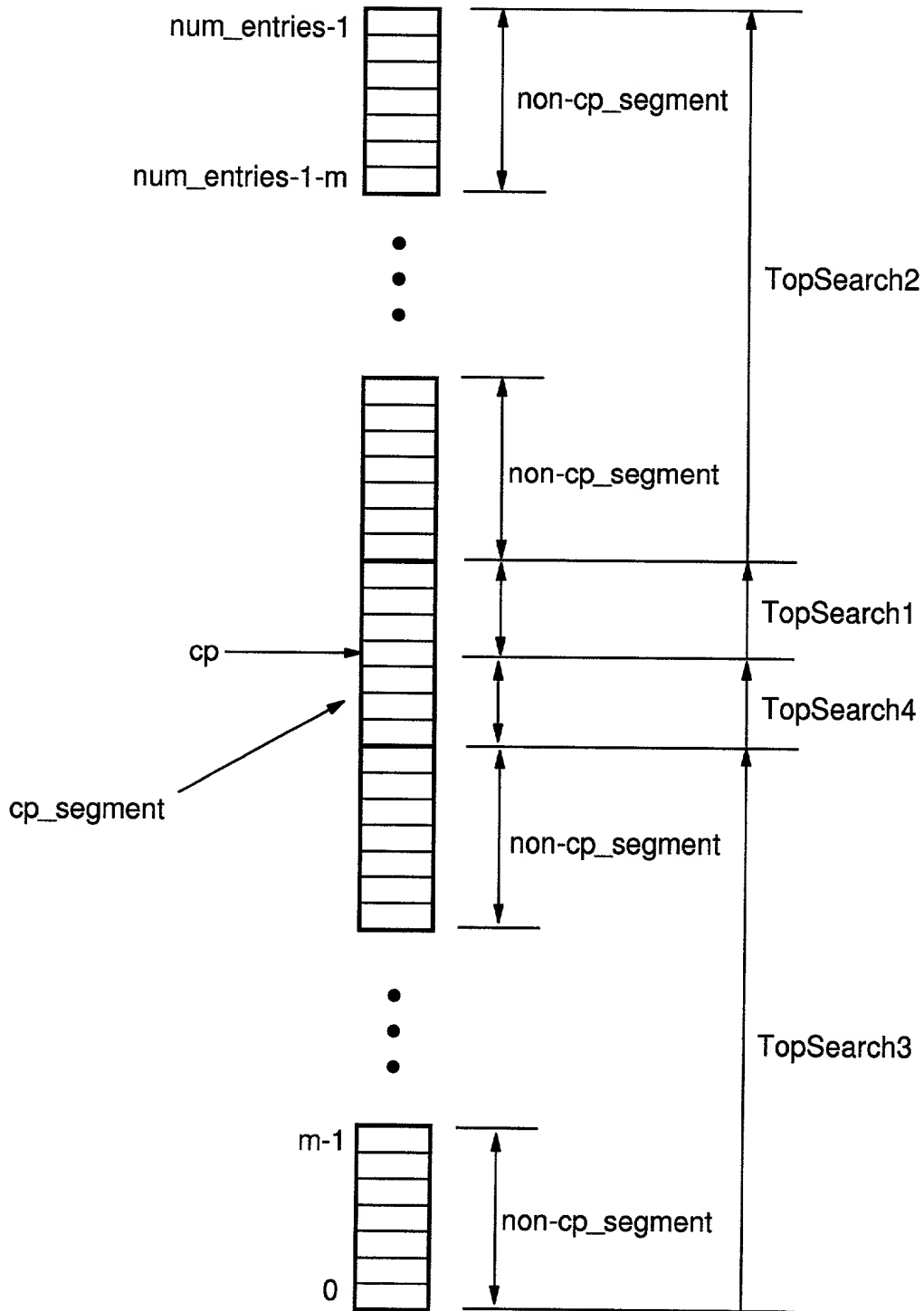


FIG. 12

